

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended September 28, 1957

EPIDEMIOLOGICAL REPORTS

Influenza

The incidence of influenza and influenza-like disease continued to increase in most parts of the United States during the past week. A large number of localized outbreaks were reported in schools, based principally on absenteeism rates. The estimated number of cases of influenza and of cases suspected of having influenza was 200,000 which brings the total to 422,650. These numbers have very definite limitations for several reasons. In most outbreaks, there are an unknown number of cases of other acute respiratory diseases which normally occur at this season of the year. The States use different methods of estimating incidence of new cases. Finally, some States did not include a report on influenza.

In the northeastern part of the country, Massachusetts reported 2 outbreaks in a school and 1 in a military installation. Serologic confirmation of type A influenza has been obtained on cases among migrant Bahamian laborers. Connecticut reported scattered cases, one-fourth of which were confirmed.

The reported incidence of influenza in New York appears to be limited to schools and institutions with the occurrence widespread over the State. Two previously reported outbreaks have been confirmed to be Asian type of influenza. New Jersey has forwarded information concerning 3 outbreaks. Information has been received from Pennsylvania of influenza in a college.

In the north central regions Dr. R. E. Dwork, Ohio De-

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Table 1. Cases of Specified Notifiable Diseases: Continental United States

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	39th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Sept. 28, 1957	Ended Sept. 29, 1956	Median 1952-56	First 39 weeks			Since seasonal low week			
				1957	1956	Median 1952-56	1956-57	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	-	2	-	16	34	23	(1)	(1)	(1)	(1)
Botulism-----049.1	-	-	-	11	5	8	(1)	(1)	(1)	(1)
Brucellosis (undulant fever)-----044	14	17	42	731	798	1,298	(1)	(1)	(1)	(1)
Diphtheria-----055	23	13	48	722	1,022	1,286	258	196	413	July 1
Encephalitis, infectious-----082	67	74	53	21,406	1,520	1,433	2846	891	840	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	224	261	482	11,955	15,130	24,211	945	1,051	1,932	Sept. 1
Malaria-----110-117	5	9	24	121	191	533	(1)	(1)	(1)	(1)
Measles-----085	911	951	727	453,277	580,139	580,139	3,623	3,437	2,880	Sept. 1
Meningococcal infections-----057	25	37	46	1,821	2,103	3,305	136	138	196	Sept. 1
Meningitis, other-----340	59	39	---	1,800	1,173	---	---	---	---	---
Poliomyelitis-----080	231	654	1,853	4,851	12,146	26,539	4,325	11,079	24,866	Apr. 1
Paralytic-----080.0,080.1	105	249	---	1,576	5,241	---	1,302	4,658	---	Apr. 1
Nonparalytic-----080.2	95	280	---	2,498	4,743	---	2,335	4,458	---	Apr. 1
Unspecified-----080.3	31	125	---	777	2,162	---	688	1,963	---	Apr. 1
Pelliculosis-----096.2	1	14	5	202	410	207	(1)	(1)	(1)	(1)
Rabies in man-----094	-	-	-	4	7	7	(1)	(1)	(1)	(1)
Typhoid fever-----040	31	46	59	995	1,431	1,718	738	1,119	1,316	Apr. 1
Typhus fever, endemic-----101	3	4	4	98	85	134	73	66	104	Apr. 1
Rabies in animals-----	63	73	85	3,403	3,752	5,417	4,367	4,779	7,168	Oct. 1

¹Data show no pronounced seasonal change in incidence.

²Includes revised report from Indiana for the week ending September 14, 1957.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

EPIDEMIOLOGICAL REPORTS—Continued

partment of Health, stated that the outbreak of influenza-like disease continues in northern Ohio where the epidemic appears limited to schools. In Michigan there were unconfirmed sporadic cases. High absenteeism rates were still being reported in schools of 2 counties in the central part of the State, and there was evidence of an increase in upper respiratory disease in Detroit and 1 county in the southeast area. In Illinois there were more than 1,000 cases reported of which 200 have been confirmed. Most of the cases were said to have occurred in schools in Cook and Du Page Counties.

Information received from Indiana indicates that the average rate of absenteeism in the State remains at about 4 percent. Acute respiratory disease continues to occur sporadically with some increase in the northwestern part. Several hundred cases of influenza were reported in Iowa, most of which were said to be confirmed. Scattered cases were reported in 7 counties in Missouri. North Dakota reported sporadic cases in all parts of the State, 3 cases being confirmed as influenza type A by laboratory tests, type B in 3 cases, and Asian type in 2 cases. South Dakota reported 2 cases confirmed by serologic tests. In Nebraska a larger than normal number of influenza-like illnesses is occurring.

In the South Atlantic States comparatively few new outbreaks of influenza-like disease were reported. There were a few sporadic cases in 2 counties in Maryland, and a number of suspect cases in the school populations in 4 counties and in Baltimore. In the latter serologic tests confirmed the diagnosis of influenza in a physician. The District of Columbia had reports of 18 sporadic cases. In 1 of its institutions located outside of the city, 83 percent of the population made up of children were ill with influenza. An Asian strain of influenza virus was isolated from throat washings of 2 persons in this institution. It was also stated that sick calls by District of Columbia physicians were increasing and that a number of children in some schools have been sent home because of febrile illnesses. In Virginia and West Virginia the number of cases reported as influenza increased in the past week. Thirty-three of the 100 counties in North Carolina reported 1 or more cases of influenza during the past week. Occurrence has been largely sporadic with a few school outbreaks. Most of the cases reported have been in urban areas. Georgia reported a 50 percent increase in the number of influenza cases. No increase was reported in Florida, but information on additional laboratory confirmation of diagnosis was received.

In the South Central States both Kentucky and Tennessee reported an increase in number of notifications by physicians. The estimated number of cases of influenza in Alabama increased 6-fold over the previous week. Oklahoma reports no noticeable increase in the probable number of cases. Epidemics were occurring in 4 universities and sporadic cases elsewhere. A total of 11 laboratory confirmations was made. Another increase in the estimated number of cases of influenza in Mississippi was reported with the statement that except for 10 northeastern counties the occurrence was statewide. A case of encephalitis associated with influenza was observed in a 6-week-old premature infant who is now recovering. The child was the fifth in a family of 5 in whom influenza was diagnosed. The family lived in a county where an epidemic was occurring. An increase in incidence of influenza was reported in 61 counties of Texas. Twenty-two reported 100 or more cases, mostly among school populations. Thirteen additional laboratory confirmations have been obtained.

In the Mountain Division there were reports of outbreaks in a number of States. Montana reported outbreaks in 3 counties; 2 of these began on Indian reservations with spread to the general population in 1 of them. There have been a few cases complicated by otitis media and several by pneumonia. Members of a football team were affected in 1 county. Idaho reported a decrease in number of cases, but the disease was occurring sporadically in all parts of the State. In Colorado, there were 3 new outbreaks, 2 in colleges and 1 in a high school. Arizona has reported a very marked increase in incidence. The actual number of cases is estimated to be several times greater than the number notified by physicians. New Mexico and Nevada continue to report sporadic cases.

In the Pacific States, epidemics are continuing in schools and colleges. In Washington, the number of acute respiratory infections reported for the week were over 1,000 which included 125 in an outbreak in a university. Oregon reported several new outbreaks in schools and institutions. Twenty-three cases of pneumonia and 3 additional isolations of Asian type of virus related to school outbreaks were reported. California reports that, until the past 2 weeks, influenza-like disease occurred principally in closed groups in barracks, camps, and institutions. Many epidemics are now occurring in public schools and universities. It is stated that 15 percent of the population of 1 area of the State are affected by increased prevalence of the infection, and that a general increase exists in 2 other areas. There has been no indication of any disruption of community services up to the present time.

Dr. G. Arbona, Puerto Rico Department of Health, has reported school and industrial absenteeism of 11,440 for September 23. This represents a marked decrease from the previous 2 weeks. Six deaths were reported associated with influenza for the week ending September 27. This brings the total of influenza-associated deaths for this area to 13.

Dr. H. W. Gibson, Alaska Department of Health, has submitted the following information. There were 500 cases of influenza in each of 2 northern Alaska communities. In 1 of these communities, 2 deaths were reported—1 infant and 1 aged person.

Poliomyelitis

The very favorable trend in incidence of poliomyelitis, especially of paralytic cases, continues. The total number of cases with paralysis reported for the first 9 months of 1957 was 1,576 as compared with 5,241 for the same period last year. In 1956 the ratio of paralytic to nonparalytic cases was about 1 to 0.90; that is, a preponderance of paralytic cases. This year the ratio is 1 to 1.59 and for the present disease year, which began about April 1, the ratio is 1 to 1.79. A report from California states that the incidence of paralytic cases up to September 14 has been highest among children under 5 years of age (34 percent of all paralytic cases); followed by that among young adults in the 20- to 29-year-age group (24 percent of the total). In upper New York State 19 percent of the paralytic cases have been in children under 5 years of age and 43 percent in the group 20 to 39 years of age. In both States the number of cases for each age group is far below that for 1956 and 1955.

Vivax malaria

Information has been received from Dr. J. D. Martin, Louisiana State Department of Health, concerning 2 cases of vivax malaria. One case was in a 20-year-old service man who had been on duty in Korea for 16 months before returning

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 29, 1956 AND SEPTEMBER 28, 1957

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTIOUS		HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt.			
	044		39th week		Cumulative first 39 weeks		082		39th week		Cumulative first 39 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	14	17	23	13	722	1,022	67	74	224	261	11,955	15,130
NEW ENGLAND-----	1	-	-	-	20	12	1	2	13	10	661	988
Maine-----	1	-	-	-	3	-	-	-	6	3	210	236
New Hampshire-----	-	-	-	-	-	1	-	-	-	1	8	30
Vermont-----	-	-	-	-	-	-	-	-	-	-	86	134
Massachusetts-----	-	-	-	-	17	11	1	2	5	2	197	251
Rhode Island-----	-	-	-	-	-	-	-	-	1	2	61	122
Connecticut-----	-	-	-	-	-	-	-	-	1	1	99	215
MIDDLE ATLANTIC-----	1	2	1	-	58	51	7	5	62	60	1,915	3,237
New York-----	-	-	-	-	30	18	7	5	50	37	1,179	1,693
New Jersey-----	-	-	1	-	10	14	-	-	3	2	236	295
Pennsylvania-----	1	2	-	-	18	19	-	-	9	21	500	1,249
EAST NORTH CENTRAL-----	2	2	-	-	41	175	6	23	16	35	2,017	2,250
Ohio-----	-	-	-	-	11	14	2	9	4	7	515	566
Indiana-----	-	-	-	-	10	85	1	8	2	3	286	317
Illinois-----	1	1	-	-	3	8	2	5	-	5	443	507
Michigan-----	-	-	-	-	15	66	-	1	9	14	553	602
Wisconsin-----	1	1	-	-	2	2	1	-	1	6	220	258
WEST NORTH CENTRAL-----	3	8	-	2	55	96	7	11	10	15	701	1,275
Minnesota-----	-	2	-	1	22	26	-	-	8	6	251	409
Iowa-----	2	3	-	-	7	17	-	-	-	3	164	329
Missouri-----	-	1	-	-	1	11	1	-	-	2	115	77
North Dakota-----	-	-	-	-	3	5	3	3	-	4	90	104
South Dakota-----	1	-	-	-	6	7	-	-	-	-	34	157
Nebraska-----	-	-	-	-	10	26	-	-	2	-	24	90
Kansas-----	-	2	-	1	6	4	3	8	-	-	23	109
SOUTH ATLANTIC-----	1	3	4	4	234	239	1	2	18	19	915	982
Delaware-----	-	-	-	-	-	-	-	-	-	-	8	30
Maryland-----	-	-	-	-	2	1	-	-	1	-	86	78
District of Columbia-----	-	-	-	-	-	1	-	1	-	-	10	18
Virginia-----	1	1	-	-	12	24	-	-	9	7	358	383
West Virginia-----	-	-	-	-	5	6	-	-	3	-	80	54
North Carolina-----	-	1	-	-	27	32	1	-	2	3	86	109
South Carolina-----	-	-	2	2	68	52	-	-	1	-	27	55
Georgia-----	-	1	2	1	54	61	-	-	1	5	99	128
Florida-----	-	-	-	1	66	61	-	1	1	4	161	127
EAST SOUTH CENTRAL-----	2	1	7	1	107	131	2	2	22	25	1,558	1,328
Kentucky-----	-	-	-	-	14	10	-	-	8	8	662	412
Tennessee-----	1	1	-	-	10	20	-	2	11	2	585	551
Alabama-----	1	-	4	-	46	61	2	-	2	13	202	174
Mississippi-----	-	-	3	1	37	40	-	-	1	2	109	191
WEST SOUTH CENTRAL-----	4	-	10	4	147	243	13	11	12	19	931	1,101
Arkansas-----	1	-	6	1	22	20	-	1	-	2	67	99
Louisiana-----	1	-	-	-	13	26	-	-	-	1	49	113
Oklahoma-----	1	-	-	-	18	57	-	1	-	-	109	86
Texas-----	1	-	4	3	94	140	13	9	12	16	706	803
MOUNTAIN-----	-	1	1	2	27	26	1	2	19	24	1,025	1,335
Montana-----	-	-	-	-	9	3	-	-	2	8	146	334
Idaho-----	-	-	-	-	1	1	-	1	-	4	81	174
Wyoming-----	-	-	-	2	1	6	-	-	1	6	46	80
Colorado-----	-	-	-	-	2	3	-	-	2	-	161	303
New Mexico-----	-	-	-	-	9	5	1	-	3	-	330	109
Arizona-----	-	-	1	-	4	5	-	1	5	4	185	263
Utah-----	-	1	-	-	1	3	-	-	6	2	48	67
Nevada-----	-	-	-	-	-	-	-	-	-	-	28	5
PACIFIC-----	-	-	-	-	33	50	29	16	52	54	2,232	2,634
Washington-----	-	-	-	-	23	10	-	-	10	5	304	542
Oregon-----	-	-	-	-	2	11	-	-	12	5	419	516
California-----	-	-	-	-	8	29	29	16	30	44	1,509	1,576
Alaska-----	-	-	-	-	-	35	-	-	-	1	71	72
Hawaii-----	-	-	-	-	-	-	-	-	4	5	46	49
Puerto Rico-----	-	-	-	4	38	55	-	-	-	4	124	202

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 29, 1956 AND SEPTEMBER 28, 1957—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ¹				Paralytic		Nonparalytic		110-117		085	
	39th week		Cumulative first 39 weeks		080.0,080.1		080.2					
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES-----	231	654	4,851	12,146	105	249	95	280	5	9	911	951
NEW ENGLAND-----	4	5	70	218	1	1	3	3	-	-	82	22
Maine-----	-	-	6	19	-	-	-	-	-	-	1	9
New Hampshire-----	-	-	4	3	-	-	-	-	-	-	-	-
Vermont-----	-	1	4	20	-	1	-	-	-	-	2	7
Massachusetts-----	2	3	22	96	1	-	1	2	-	-	35	1
Rhode Island-----	-	-	-	9	-	-	-	-	-	-	-	3
Connecticut-----	2	1	34	71	-	-	2	1	-	-	44	17
MIDDLE ATLANTIC-----	17	83	269	907	5	25	7	27	-	-	123	132
New York-----	11	61	164	593	4	23	5	21	-	-	68	100
New Jersey-----	6	10	69	178	1	2	2	6	-	-	29	15
Pennsylvania-----	-	12	36	136	-	-	-	-	-	-	26	17
EAST NORTH CENTRAL-----	68	190	1,252	3,370	25	69	31	81	-	1	171	111
Ohio-----	9	41	209	479	3	8	1	11	-	-	31	27
Indiana-----	14	17	141	299	6	6	5	11	-	-	14	12
Illinois-----	17	58	284	1,670	9	26	5	22	-	1	28	4
Michigan-----	25	43	417	519	5	15	20	24	-	-	20	37
Wisconsin-----	3	31	201	403	2	14	-	13	-	-	78	31
WEST NORTH CENTRAL-----	16	96	397	1,414	8	14	6	67	-	-	42	81
Minnesota-----	3	11	42	174	3	2	-	9	-	-	6	51
Iowa-----	6	44	77	557	2	2	4	41	-	-	7	12
Missouri-----	4	21	104	346	2	4	2	9	-	-	2	6
North Dakota-----	1	6	10	30	-	1	-	4	-	-	26	10
South Dakota-----	-	-	37	28	-	-	-	-	-	-	-	2
Nebraska-----	2	6	70	118	1	3	-	3	-	-	1	-
Kansas-----	-	8	57	161	-	2	-	1	-	-	-	-
SOUTH ATLANTIC-----	55	62	680	1,146	33	34	17	15	-	2	63	85
Delaware-----	-	-	4	20	-	-	-	-	-	-	6	1
Maryland-----	3	13	14	69	2	12	1	1	-	1	16	10
District of Columbia-----	7	-	54	8	5	-	1	-	-	1	2	-
Virginia-----	10	14	84	181	6	9	4	5	-	-	19	17
West Virginia-----	12	5	37	91	10	1	2	3	-	-	7	9
North Carolina-----	9	7	191	242	3	6	6	1	-	-	2	7
South Carolina-----	8	5	114	95	3	1	1	3	-	-	8	33
Georgia-----	3	10	68	167	3	2	-	1	-	-	3	2
Florida-----	3	8	114	273	1	3	2	1	-	-	-	6
EAST SOUTH CENTRAL-----	18	32	332	530	12	13	6	12	-	2	101	173
Kentucky-----	9	10	85	150	7	4	2	4	-	1	37	59
Tennessee-----	9	4	117	104	5	2	4	2	-	-	36	91
Alabama-----	-	-	40	55	-	-	-	-	-	-	20	17
Mississippi-----	-	18	90	221	-	7	-	6	-	1	8	6
WEST SOUTH CENTRAL-----	22	73	970	1,969	11	41	8	32	3	-	102	104
Arkansas-----	2	14	58	157	1	8	1	6	-	-	2	25
Louisiana-----	6	26	157	534	6	17	-	9	2	-	1	5
Oklahoma-----	6	-	111	175	1	-	2	-	-	-	5	-
Texas-----	8	33	644	1,103	3	16	5	17	1	-	94	74
MOUNTAIN-----	16	24	211	620	4	8	8	3	1	-	93	75
Montana-----	-	1	10	29	-	1	-	-	-	-	29	7
Idaho-----	4	1	23	92	-	-	3	1	-	-	17	6
Wyoming-----	1	-	13	24	-	-	-	-	-	-	3	7
Colorado-----	3	6	38	115	3	4	-	2	-	-	11	7
New Mexico-----	-	3	45	61	-	1	-	-	1	-	10	9
Arizona-----	6	3	47	107	1	2	5	-	-	-	15	27
Utah-----	2	8	31	161	-	-	-	-	-	-	8	-
Nevada-----	-	2	4	31	-	-	-	-	-	-	-	-
PACIFIC-----	15	89	670	1,972	6	44	9	40	1	4	134	168
Washington-----	1	10	11	141	1	1	-	7	-	-	26	22
Oregon-----	-	5	37	119	-	1	-	1	-	-	40	16
California-----	14	74	622	1,712	5	42	9	32	1	4	68	150
Alaska-----	-	1	3	11	-	-	-	-	-	-	36	49
Hawaii-----	-	1	5	61	-	1	-	-	-	1	-	54
Puerto Rico-----	1	-	29	43	1	-	-	-	-	-	31	46

¹Includes cases not specified by type, category number 080.3.

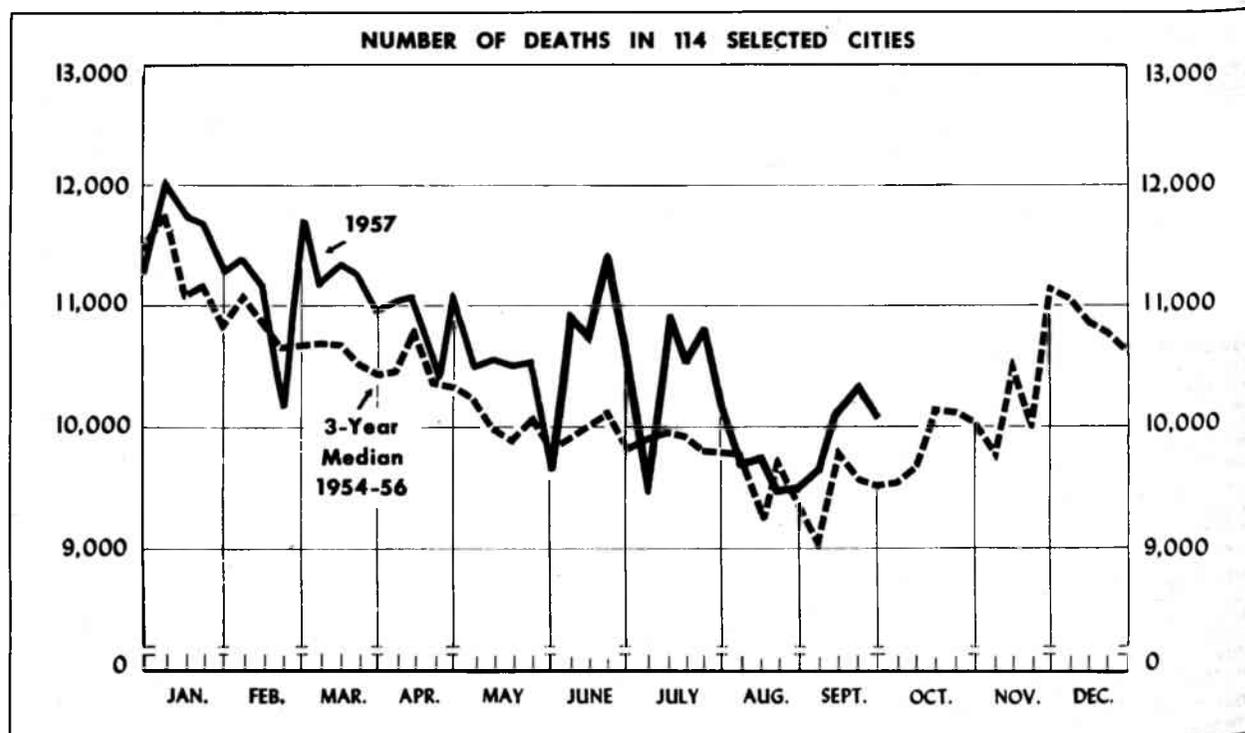
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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED SEPTEMBER 29, 1956 AND SEPTEMBER 28, 1957—Continued
(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			096.2	39th week		Cumulative first 39 weeks		101		1957	1956
	1957	1956	1957		1956	1957	1956	1957		1956		
CONT. UNITED STATES-----	25	37	59	1	14	31	46	995	1,431	3	63	73
NEW ENGLAND-----	2	-	-	-	1	1	3	20	47	-	-	-
Maine-----	1	-	-	-	-	-	2	2	14	-	-	-
New Hampshire-----	-	-	-	-	-	-	-	2	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	1	-	-	-
Massachusetts-----	1	-	-	-	1	1	-	9	15	-	-	-
Rhode Island-----	-	-	-	-	-	-	1	4	6	-	-	-
Connecticut-----	-	-	-	-	-	-	-	3	11	-	-	-
MIDDLE ATLANTIC-----	6	8	-	-	-	2	3	97	181	-	6	15
New York-----	1	6	-	-	-	2	1	41	53	-	5	14
New Jersey-----	2	-	-	-	-	-	2	19	26	-	-	-
Pennsylvania-----	3	2	-	-	-	-	-	37	102	-	1	1
EAST NORTH CENTRAL-----	5	7	12	-	-	4	9	135	199	-	8	7
Ohio-----	1	2	-	-	-	1	8	55	52	-	5	-
Indiana-----	-	-	5	-	-	1	1	39	26	-	3	4
Illinois-----	1	1	5	-	-	1	-	19	33	-	-	2
Michigan-----	1	4	2	-	-	-	-	11	46	-	-	1
Wisconsin-----	2	-	-	-	-	1	-	11	42	-	-	-
WEST NORTH CENTRAL-----	3	2	5	-	-	1	2	73	174	-	11	10
Minnesota-----	-	-	-	-	-	-	1	5	36	-	5	-
Iowa-----	-	1	4	-	-	-	-	18	56	-	2	2
Missouri-----	1	-	1	-	-	-	1	38	49	-	4	5
North Dakota-----	1	-	-	-	-	-	-	1	6	-	-	-
South Dakota-----	-	-	-	-	-	1	-	6	3	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	12	-	-	3
Kansas-----	1	1	-	-	-	-	-	5	12	-	-	-
SOUTH ATLANTIC-----	2	7	18	1	1	6	6	194	230	2	19	16
Delaware-----	-	-	-	-	-	-	-	1	3	-	-	1
Maryland-----	-	-	-	-	-	1	-	8	17	-	-	-
District of Columbia-----	-	-	-	-	-	-	1	8	12	-	-	-
Virginia-----	1	-	18	1	-	-	-	36	43	-	9	2
West Virginia-----	-	1	-	-	-	2	1	46	22	-	5	1
North Carolina-----	1	2	-	-	1	1	-	12	25	-	1	2
South Carolina-----	-	-	-	-	-	-	1	17	25	2	2	5
Georgia-----	-	3	-	-	-	2	3	27	47	-	2	4
Florida-----	-	1	-	-	-	-	-	39	36	-	-	1
EAST SOUTH CENTRAL-----	3	2	16	-	1	9	8	156	182	1	7	13
Kentucky-----	-	-	9	-	-	7	2	53	38	-	4	2
Tennessee-----	-	-	7	-	1	2	-	61	66	-	1	5
Alabama-----	3	-	-	-	-	-	-	12	20	1	2	6
Mississippi-----	-	2	-	-	-	-	6	30	58	-	-	-
WEST SOUTH CENTRAL-----	-	9	5	-	8	3	6	213	267	-	10	10
Arkansas-----	-	1	-	-	-	1	1	37	60	-	2	3
Louisiana-----	-	3	-	-	-	1	-	49	36	-	-	7
Oklahoma-----	-	-	-	-	-	-	-	24	39	-	1	-
Texas-----	-	5	5	-	8	1	5	103	132	-	7	-
MOUNTAIN-----	2	1	1	-	-	2	4	42	57	-	-	1
Montana-----	-	-	-	-	-	1	-	3	3	-	-	-
Idaho-----	-	-	-	-	-	-	-	4	3	-	-	-
Wyoming-----	-	-	-	-	-	-	-	2	2	-	-	-
Colorado-----	1	-	1	-	-	-	3	11	13	-	-	-
New Mexico-----	-	-	-	-	-	1	-	14	15	-	-	-
Arizona-----	1	1	-	-	-	-	1	7	18	-	-	1
Utah-----	-	-	-	-	-	-	-	1	1	-	-	-
Nevada-----	-	-	-	-	-	-	-	-	2	-	-	-
PACIFIC-----	2	1	2	-	3	3	5	65	94	-	2	1
Washington-----	1	-	1	-	2	-	-	3	2	-	-	-
Oregon-----	-	-	1	-	-	-	1	5	10	-	-	-
California-----	1	1	-	-	1	3	4	57	82	-	2	1
Alaska-----	-	-	-	-	-	-	-	1	1	-	-	-
Hawaii-----	-	-	-	-	-	-	-	4	-	-	-	-
Puerto Rico-----	-	-	-	-	-	-	7	15	59	-	-	-

Symbol. — 1 dash [—]: no cases reported.

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	39th week ended Sept. 28, 1957	38th week ended Sept. 21, 1957	39th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 39 WEEKS		
					1957	1956	Percent change
TOTAL: 114 REPORTING CITIES -----	10,063	10,369	9,524	+5.7	417,449	406,821	+2.6
New England------(14 cities)	636	662	642	-0.9	26,849	26,211	+2.4
Middle Atlantic------(20 cities)	2,855	2,884	2,819	+1.3	120,809	119,094	+1.4
East North Central------(19 cities)	2,244	2,268	2,059	+9.0	89,965	88,298	+1.9
West North Central------(9 cities)	723	738	647	+1.7	29,723	28,785	+3.3
South Atlantic------(11 cities)	758	876	795	-4.7	35,032	34,110	+2.7
East South Central------(8 cities)	473	509	405	+16.8	18,743	18,394	+1.9
West South Central------(13 cities)	798	837	787	+1.4	35,016	32,820	+6.7
Mountain------(8 cities)	272	293	218	+24.8	10,463	9,526	+9.8
Pacific------(12 cities)	1,304	1,302	1,154	+13.0	50,849	49,583	+2.6

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	39th week ended Sept. 28, 1957	38th week ended Sept. 21, 1957	CUMULATIVE NUMBER FIRST 39 WEEKS		AREA	39th week ended Sept. 28, 1957	38th week ended Sept. 21, 1957	CUMULATIVE NUMBER FIRST 39 WEEKS	
			1957	1956				1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.	227	234	9,077	8,839	St. Louis, Mo.	198	248	9,204	9,087
Bridgeport, Conn.	31	29	1,451	1,450	St. Paul, Minn.	57	55	2,561	2,583
Cambridge, Mass.	19	25	1,158	1,147	Wichita, Kans.	42	65	1,708	1,585
Fall River, Mass.	25	38	1,050	1,060	SOUTH ATLANTIC				
Hartford, Conn.	62	40	1,900	1,840	Atlanta, Ga.	92	106	4,173	4,243
Lowell, Mass.	20	32	1,085	922	Baltimore, Md.	197	216	9,197	8,947
Lynn, Mass.	24	14	801	812	Charlotte, N. C.	26	23	1,269	1,201
New Bedford, Mass.	19	27	935	872	Jacksonville, Fla.	53	55	2,095	1,979
New Haven, Conn.	43	57	1,788	1,757	Miami, Fla.	46	59	1,934	1,929
Providence, R. I.	54	55	2,387	2,421	Norfolk, Va.	28	40	1,390	1,256
Somerville, Mass.	12	10	522	605	Richmond, Va.	65	86	2,894	2,703
Springfield, Mass.	35	24	1,621	1,601	Savannah, Ga.	27	21	1,139	1,112
Waterbury, Conn.	26	23	976	976	Tampa, Fla.	34	57	2,388	2,290
Worcester, Mass.	39	54	2,095	1,909	Washington, D. C.	154	171	7,141	7,096
MIDDLE ATLANTIC					Wilmington, Del.	36	42	1,412	1,354
Albany, N. Y.	48	45	1,903	1,895	EAST SOUTH CENTRAL				
Allentown, Pa.	36	25	1,452	1,426	Birmingham, Ala.	83	99	3,044	2,968
Buffalo, N. Y.	128	134	5,509	5,487	Chattanooga, Tenn.	43	53	1,790	1,643
Camden, N. J.	42	45	1,555	1,496	Knockville, Tenn.	16	12	1,050	1,315
Elizabeth, N. J.	28	30	1,098	1,057	Louisville, Ky.	104	117	4,060	4,118
Erie, Pa.	31	33	1,378	1,294	Memphis, Tenn.	106	123	4,148	3,842
Jersey City, N. J.	76	66	2,630	2,722	Mobile, Ala.	39	30	1,386	1,315
Newark, N. J.	97	98	3,948	3,728	Montgomery, Ala.	28	21	976	1,110
New York City, N. Y.	1,365	1,474	60,878	60,080	Nashville, Tenn.	54	54	2,289	2,083
Paterson, N. J.	35	35	1,499	1,422	WEST SOUTH CENTRAL				
Philadelphia, Pa.	426	405	18,657	18,508	Austin, Tex.	22	27	1,145	1,083
Pittsburgh, Pa.	182	184	6,969	7,022	Baton Rouge, La.	22	21	953	858
Reading, Pa.	21	19	901	826	Corpus Christi, Tex.	16	21	816	757
Rochester, N. Y.	111	97	3,721	3,654	Dallas, Tex.	103	80	4,223	4,159
Schenectady, N. Y.	24	20	915	861	El Paso, Tex.	23	31	1,202	1,036
Scranton, Pa.	30	22	1,439	1,356	Fort Worth, Tex.	59	58	2,404	2,275
Syracuse, N. Y.	68	59	2,262	2,261	Houston, Tex.	141	152	5,811	5,242
Trenton, N. J.	59	46	1,736	1,705	Little Rock, Ark.	40	41	2,067	1,802
Utica, N. Y.	25	19	1,212	1,166	New Orleans, La.	169	179	6,735	6,199
Yonkers, N. Y.	23	28	1,147	1,148	Oklahoma City, Okla.	52	67	2,392	2,433
EAST NORTH CENTRAL					San Antonio, Tex.	75	88	3,681	3,407
Akron, Ohio	59	50	2,075	2,027	Shreveport, La.	40	41	1,796	1,767
Canton, Ohio	27	33	1,191	1,077	Tulsa, Okla.	36	31	1,791	1,802
Chicago, Ill.	731	746	29,002	28,414	MOUNTAIN				
Cincinnati, Ohio	141	133	5,847	5,876	Albuquerque, N. Mex.	25	31	1,001	879
Cleveland, Ohio	178	197	7,997	7,910	Colorado Springs, Colo.	11	11	525	508
Columbus, Ohio	111	93	4,339	4,137	Denver, Colo.	107	124	4,284	4,210
Dayton, Ohio	50	68	2,758	2,525	Ogden, Utah	13	15	479	474
Detroit, Mich.	304	328	12,478	12,398	Phoenix, Ariz.	36	45	1,173	1,005
Evansville, Ind.	30	43	1,217	1,290	Pueblo, Colo.	17	13	502	478
Flint, Mich.	39	29	1,433	1,484	Salt Lake City, Utah	41	41	1,704	1,740
Fort Wayne, Ind.	42	32	1,376	1,368	Tucson, Ariz.	22	13	795	232
Gary, Ind.	31	31	1,123	1,092	PACIFIC				
Grand Rapids, Mich.	40	38	1,572	1,604	Berkeley, Calif.	15	20	738	643
Indianapolis, Ind.	129	110	4,579	4,501	Long Beach, Calif.	51	46	2,090	2,030
Milwaukee, Wis.	149	145	5,042	4,801	Los Angeles, Calif.	461	470	18,371	18,095
Peoria, Ill.	20	21	1,122	1,116	Oakland, Calif.	86	113	3,663	3,505
South Bend, Ind.	31	35	1,013	933	Passadena, Calif.	33	34	1,377	1,375
Toledo, Ohio	93	81	3,685	3,623	Portland, Oreg.	105	102	3,739	3,652
Youngstown, Ohio	39	55	2,116	2,122	Sacramento, Calif.	42	49	1,975	1,862
WEST NORTH CENTRAL					San Diego, Calif.	89	77	3,089	2,887
Des Moines, Iowa	51	47	2,102	1,952	San Francisco, Calif.	203	173	7,433	7,373
Duluth, Minn.	25	27	1,008	1,021	Seattle, Wash.	141	132	5,084	4,884
Kansas City, Kans.	25	25	1,135	1,207	Spokane, Wash.	46	46	1,779	1,794
Kansas City, Mo.	118	103	4,559	4,240	Tacoma, Wash.	32	34	1,511	1,483
Minneapolis, Minn.	126	108	4,802	4,598	Honolulu, Hawaii	(35)	(38)	(1,496)	(1,358)
Omaha, Nebr.	81	60	2,644	2,512					

Symbol.—parentheses () : data not included in table 3.

Morbidity and Mortality Weekly Report

EPIDEMIOLOGICAL REPORTS—Continued

to the United States on March 29, 1957. He was admitted to a hospital on August 7, with a history of chills and fever occurring at first every day and then every second day, prior to admission. The other case was in a 52-year-old male from Honduras. This patient had been in the United States only 2 weeks at the time of the diagnosis.

Psittacosis

Dr. Mason Romaine, Virginia Department of Health, has forwarded the following information concerning the cases of psittacosis previously reported. One case occurred in a 10-year-old boy in Lynchburg, who had purchased a bird in Florida. This case was confirmed serologically. The other case was an 18-year-old student nurse who had owned a pet bird for 2 years, which died after an illness of 1 month's duration. No laboratory confirmation is as yet available.

Salmonellosis

Dr. Dean Fisher, Maine State Department of Health and Welfare, has reported an outbreak of salmonellosis in a nursery for the newborn. *Salmonella* reading was recovered from the 6 cases which were symptomatic. There were no deaths. No source of the infection was found although 43 contacts were investigated.

The California Department of Public Health has forwarded information of an outbreak of salmonellosis following a birthday party in a private residence. Thirty-six of 54 persons eating the suspected food became ill from 9 to 60 hours following ingestion. Symptoms consisted of vomiting, abdominal cramps, diarrhea, malaise, and fever lasting from 2 to 3 days. Stool specimens were obtained from 69 persons; 24 were positive for *S. montevideo*, and 1, from a 10-year-old child who was ill and had eaten at the party, was positive for *S. tennessee*. One person with a positive stool had not attended the party and was not ill; 2 persons with positive stools had attended the party but had not eaten and did not become ill. None of the food handlers had been ill prior to the party. No single food item could be incriminated.

Diarrhea of the newborn

Dr. R. M. Albrecht, New York State Department of Health, has submitted information of an outbreak of diarrhea of the newborn in a hospital. Five of 8 infants ran a fever of 102° to 103° F. and had explosive, watery or loose stools. The mode of spread was not discovered; but there had been no major breaks in technique of care, nor was there a common feeding formula.

Gastro-enteritis

Dr. Julia Freitag, New York State Department of Health, has reported 8 cases of gastro-enteritis in 8 persons who had consumed ham in a public eating place on Long Island. Symptoms developed 1½ to 3 hours after ingestion of the ham, the suspected vehicle.

Dr. N. J. Rose, Illinois Department of Public Health, has reported an outbreak of gastro-enteritis in 5 of 30 persons who ate ready-made ham salad sandwiches in a drugstore. Symptoms began 3 to 4 hours after ingestion of the suspected food. No history of colds, sore throats, cuts, or boils was elicited from the food handlers.

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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